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PTO/SB/08a (05-03) (AW 07/03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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SHEET 1 of 1

**Complete if Known**

Application Number	To Be Assigned 10/648,905
Filing Date	Herewith
First Named Inventor	H. Hamada
Art Unit	2874
Examiner Name	SONG
Attorney Docket No.	MTS-3453US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 2001-337236 (English abstract provided)	12/7/2001	Nippon Telegr & Teleph Corp <NTT>	Entire Document	<input type="checkbox"/>
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Examiner Signature	<i>Larrah Young</i>	Date Considered	08 AUG 05
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<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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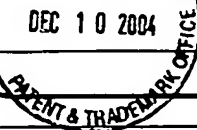
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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SHEET 1 of 2

**Complete if Known**

Application Number	10/648,905
Filing Date	August 27, 2003
First Named Inventor	Hidenobu HAMADA
Art Unit	2874
Examiner Name	Sarah U. Song
Attorney Docket No.	MTS-3453US

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		Number - Kind Code <sup>2</sup> (if known)			
Sub		US 5,389,943 A	02/14/95	JOANNOPOULOS, et al.	
		US 4,657,344 A	04/14/87	Heinz Bohm	
		US 4,025,157 A	05/24/77	William E. Martin	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
Sub		WO 02/063347 A	08/15/02	HO SENG-TIONG; ZHOU YAN (US); PHOSISTOR TECHNOLOGIES INC. (US)	✓	<input type="checkbox"/>
Sub		WO 02/091051 A	11/14/02	MANOLATOU CHRISTINA; MASSACHUSETTS INST TECHNOLOGY (US); MICHEL JURGE	✓	<input type="checkbox"/>
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Signature

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>	<b>Substitute for Form 1449/PTO</b>		<b>Complete If Known</b>	
			Application Number	10/648,905
			Filing Date	August 27, 2003
			First Named Inventor	Hidenobu HAMADA
			Art Unit	2874
			Examiner Name	Sarah U. Song
SHEET 2 of 2		Attorney Docket No.		MTS-3453US

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
SW		European Search Report for EP 03 01 9006, dated November 16, 2004.	<input type="checkbox"/>
SW		Roberts, et al., "Guided mode analysis, and fabrication of a 2-dimensional visible photonic band structure confined within a planar semiconductor waveguide", MATERIALS SCIENCE AND ENGINEERING B, ELSEVIER SEQUOIA, LAUSANNE, CH, Vol. 49, No. 2, September 19, 1997, pp. 155-165.	<input type="checkbox"/>
SW		Beltrami, et al., "PLANAR GRADED-INDEX (GRIN) PECVD LENS", ELECTRONICS LETTERS, IEE STEVENAGE, GB, Vol. 32, No. 6, March 14, 1996, pp. 549-550.	<input type="checkbox"/>
SW		Baba, et al., "Strong enhancement of light extraction efficiency in GaInAsP 2-D-arranged microcolumns", JOURNAL OF LIGHTWAVE TECHNOLOGY IEEE USA, Vol. 17, No. 11, November, 1999, pp. 2113-2120.	<input type="checkbox"/>
SW		Johnson, et al., "Guided Modes in Photonic Crystal Slabs", PHYSICAL REVIEW, B. CONDENSED MATTER, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US, Vol. 60, No. 8, August 15, 1999, pp. 5751-5758.	<input type="checkbox"/>
SW		Weisbuch, et al., "3D CONTROL OF LIGHT IN WAVEGUIDE-BASED TWO-DIMENSIONAL PHOTONIC CRYSTALS", IEICE TRANSACTIONS ON ELECTRONICS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, Vol. E84-C, No. 5, May, 2001, pp. 660-668.	<input type="checkbox"/>
SW		Krauss, et al., "PHOTONIC CRYSTALS IN THE OPTICAL REGIME - PAST, PRESENT AND FUTURE", PROGRESS IN QUANTUM ELECTRONICS, PERGAMON PRESS, OXFORD, GB, Vol. 23, No. 2, 1999, pp. 51-96.	<input type="checkbox"/>
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			<input type="checkbox"/>

Examiner Signature	<i>Sarah U. Song</i>	Date Considered	08 AUG 05
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